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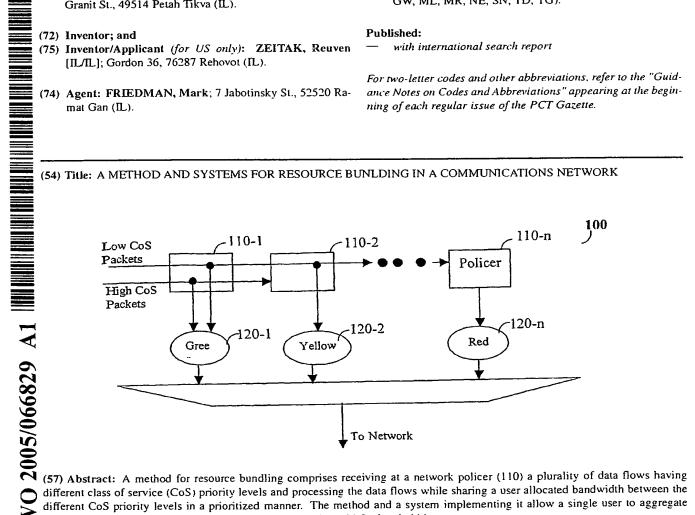
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different class of service (CoS) priority levels and processing the data flows while sharing a user allocated bandwidth between the different CoS priority levels in a prioritized manner. The method and a system implementing it allow a single user to aggregate multiple CoS, thereby enabling the user to utilize an entire paid-for bandwidth.